AUTODOC CLUB

How to change rear brake discs on **VW Sharan 1** – replacement guide

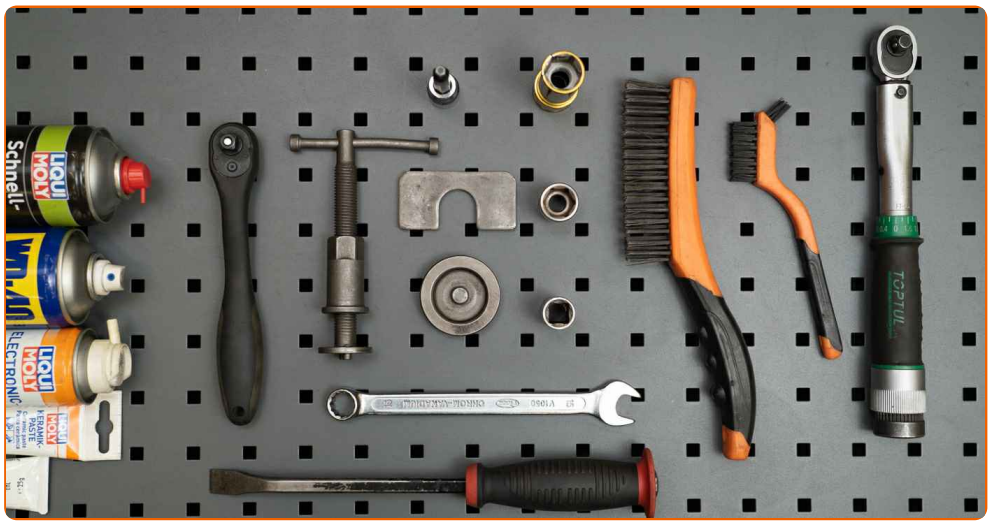
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW Sharan I (7M8, 7M9, 7M6) 1.9 TDI, VW Sharan I (7M8, 7M9, 7M6) 2.0, VW Sharan I (7M8, 7M9, 7M6) 2.8 VR6, VW Sharan I (7M8, 7M9, 7M6) 2.8 VR6 Syncro, VW Sharan I (7M8, 7M9, 7M6) 1.8 T 20V, VW Sharan I (7M8, 7M9, 7M6) 2.0 TDI, VW Sharan I (7M8, 7M9, 7M6) 2.0 LPG

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – VW SHARAN 1. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Electronic spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Combination spanner #15
- Drive socket # 13
- Drive socket # 18
- HEX bit no.H6
- Wheel impact socket #19
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

BUY TOOLS

AUTODOC recommends:

- Replace the brake disks on the car VW Sharan 1 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – VW Sharan 1 – should be done with the engine switched off.

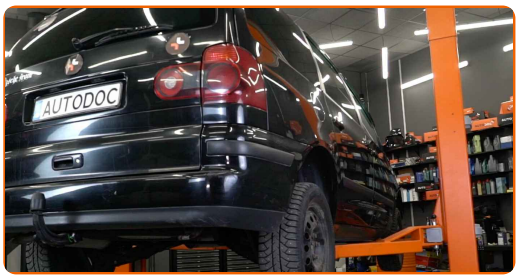
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #19.

4 Raise the car.



Replacement: brake discs – VW Sharan 1. Tip:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

5 Unscrew the wheel bolts.

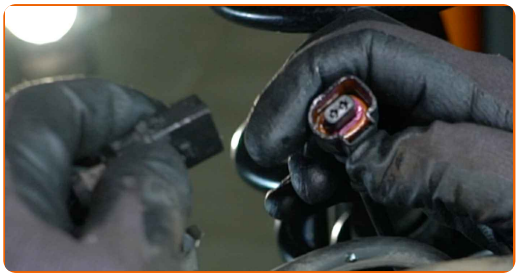
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Sharan 1

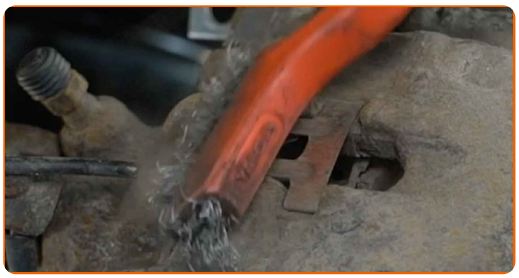
6 Remove the wheel.

7 Clean the brake pad wear sensor plug. Use a nylon cleaning brush. Use all-purpose cleaning spray.

8 Detach the connector of the brake pad wear sensor.



9 Clean the brake caliper retaining spring. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – VW Sharan 1. After applying the spray, wait a few minutes.

10 Detach the brake caliper retaining spring. Use a crowbar.

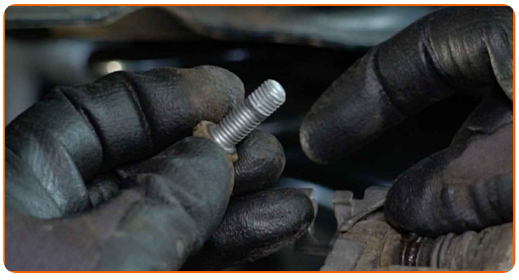
11 Clean the brake caliper fasteners. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

12 Unscrew the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.

13 Remove the fastening bolts.



14 Remove the brake caliper. Use a crowbar.

Replacement: brake discs – VW Sharan 1. Tip from AUTODOC:

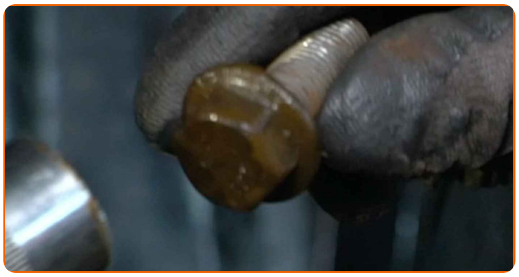
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

15 Remove the brake pads.

16 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

17 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench.

18 Remove the fastening bolts.

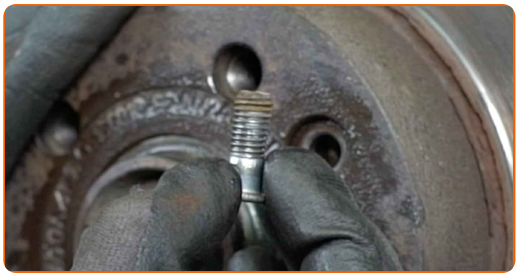


19 Remove the caliper bracket.

20 Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.

21 Unscrew the brake disc fastening. Use HEX No.H6. Use a ratchet wrench.

22 Remove the fastening bolt.



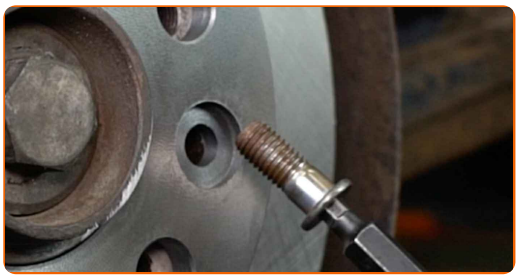
23 Remove the brake disc.

24 Clean the hub. Use a wire brush. Use all-purpose cleaning spray.

25 Treat the contacting surface. Use ceramic grease.

26 Install the brake disc.

27 Install the fastening bolt.



28 Tighten the brake disc fastening. Use HEX No.H6. Use a torque wrench. Tighten it to 10 Nm torque.

29 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

30 Install the brake caliper bracket.

31 Install the fastening bolts.

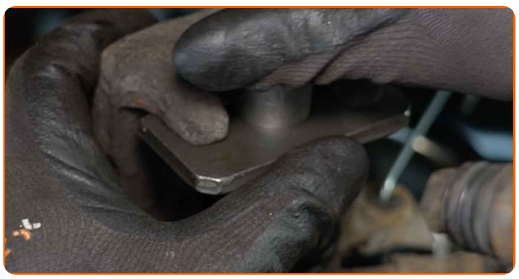
32 Tighten the brake caliper bracket fasteners. Use a drive socket #18. Use a torque wrench. Tighten it to 110 nm torque.

33 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – VW Sharan 1. After applying the spray, wait a few minutes.

34 Press in the brake caliper piston. Use brake caliper wind back tool.



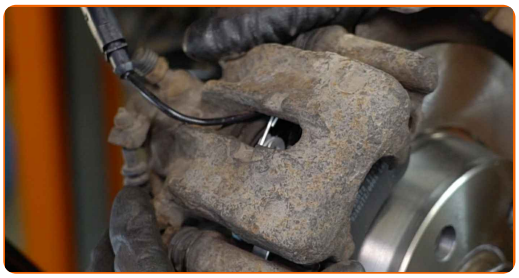
35 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

AUTODOC recommends:

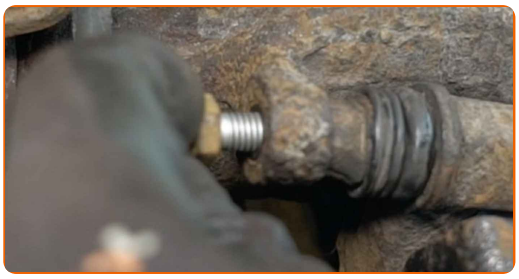
- Make sure the disc surface is clean before installing the pads.

36 Install the brake pads.

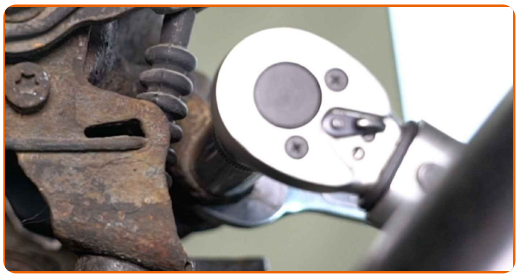
37 Install the brake caliper and fix it.



38 Install the fastening bolts.

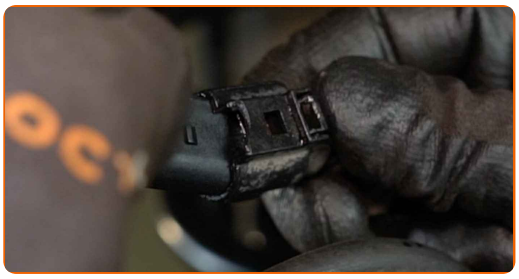


39 Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



40 Treat the brake pad wear sensor plug. Use dielectric grease.

41 Attach the connector of the brake pad wear sensor.



42 Install the brake caliper retaining spring. Use a crowbar.

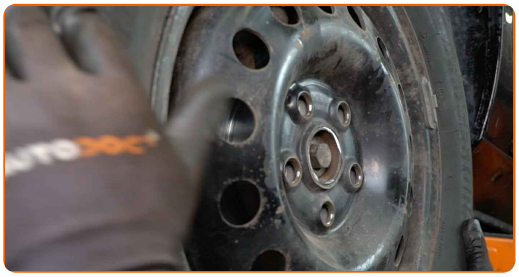
43 Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.

44 Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – VW Sharan 1. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

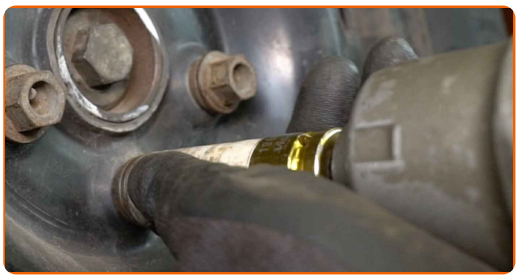
45 Install the wheel.



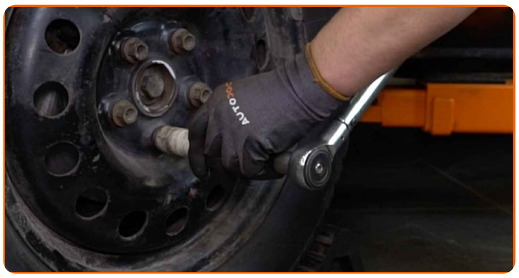
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Sharan 1

46 Screw in the wheel bolts. Use wheel impact socket #19.



47 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 170 Nm torque.

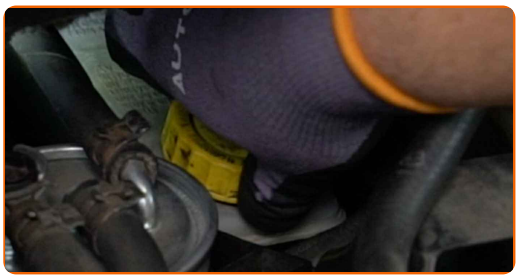


48 Remove the jacks and chocks.

Replacement: brake discs – VW Sharan 1. Tip from AUTODOC experts:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

49 Tighten the brake fluid reservoir cap. Close the hood.



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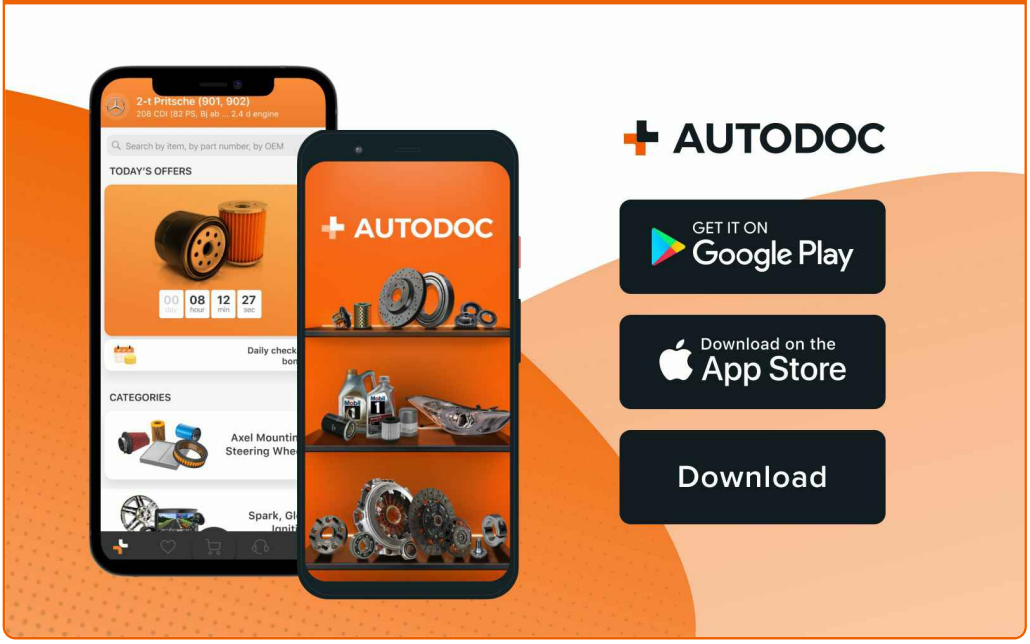

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